

PATENT ABSTRACTS OF JAPAN

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(54) INK JET RECORDING METHOD, AND RECORDING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an image which has a sufficient image density and is excellent in gradation property by a method wherein a gradation recording for which a process wherein an ink composition containing an anionic is imparted on the same picture element is performed a plurality of times based on a process wherein a liquid composition containing a cationic substance is imparted.

SOLUTION: This recording method has a process wherein a liquid composition (liquid composition) containing at least a cationic substance and an ink composition (ink composition) containing at least an anionic dye are imparted on the same picture element. This liquid composition and the ink composition are mixed on a medium to be recorded, and a coagulation of a dye arises, and the dye does not permeate a very deep part, and remains on the surface of the medium to be recorded, and an image having a high image density can be obtained. Also, by performing a process wherein the ink composition is imparted on the same picture element, a plurality of times based on a process wherein the liquid composition is imparted, a gradation recording becomes possible. By this method, a high picture density is obtained.